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To:	Naghmeh Mehrpour	From:	Marc Theeuwes
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•Comments:

Naghmeh -- please find my response to the Office Action Summary

I'll also Express Mail a copy to your attention at:

Mr. Naghmeh Mehrpour
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231
Phone: 703-308-7159
Fax: 703-872-9306

Please call me if there are any problems -- 650-575-6257,

Best regards,

Marc Theeuwes

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Mr. Naghmeh Mehrpour
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231
Phone: 703-308-7159
Fax: 703-872-9306


Mr. Naghmeh Mehrpour:

With reference to the Office Action Summary mailed August 12, 2004 for patent application number 10/057,094 received 01/28/2002, please find my response to the Detailed Action document that accompanied the Office Action Summary.

In addition, please find my Change of Correspondence Address Application form attached as my mailing address has changed from 660 Live Oak Ave., Menlo Park, CA 94025, to 5638 Le Fevre Dr., San Jose, CA 95118.

Please notify me of any additional clarification or requirements.

Best regards,


Marc Theeuwes
5638 Le Fevre Dr.
San Jose, CA 95118
H 408-269-6603
C 650-575-6257

Application Number: 10/057,094
Receipt Date: 01/28/2002
Applicant: Marc Theeuwes

Page 1

Action 1 - Specification

Response: Per the examiner's request, the title of the invention is changed from "Wireless Access System" to "Network Switching Apparatus for control of communications through a multitude of wireless methods."

Action 2 and 3 - Claim Rejections - 35 USC §112

Response: Claims 1-8 in the original patent application have been renumbered per the examiner's suggestions. And, renumbered claims 1-3 have been restated to clearly specify the complete operative device.

I claim:

1. Network Switching Apparatus for control of communications through a multitude of wireless methods, comprising:
an access network switching unit (ANSU);
means for switching said wireless methods.
2. The access network switching unit (ANSU) of claim 1 containing:
a data storage [7] element for storing data, the operating system and software where said data storage element that can be composed of a hard drive, an array of hard drives or a networked storage element;
random access memory [8];
a microprocessor [9] that can be implemented as a RISC (reduced instruction set computer), CISC (complex instruction set computer or computing), or other microprocessor suitable for performing the functions required of an ANSU;
network interface [10] hardware device suitable for managing communications to a network or multitude of networks [3];
a wireless method interface [11] hardware device suitable for managing communications for switching the various wireless methods [2];
an optional administration unit [4] that can reside within or external to the ANSU;
an optional keyboard, mouse and screen interface [12].
3. A means for switching as claimed in claim 1 wherein said means for switching is controlled by a software process [13], comprising:
rules that trigger the switching of the wireless method [2];
based on but not limited to, services delivered, services requested, bandwidth required, power level, frequency, location, billing scheme, or another rule set by the administration unit or ANSU.
software that controls the interfaces to wireless transceivers [14];
software that controls the interface to the networks [3];
administrative software that monitors the telephony services, data services, Internet services, voice over Internet protocol (VOIP) services, multimedia services, broadcast services, or other networking services used.